INFRASTRUCTURE

and Cross-Cutting Issues

Goal 1

To enhance minority training and career development

Future Initiatives

- Continue with current level of activity in training and career development of minority investigators as shown in table 1 and provide significant increases for certain programs, such as the Initiatives for Underrepresented Minorities in Biomedical Research.
- Provide opportunities for short-term training of minority medical students on existing T32s at institutions holding DK-funded Center grants with the stipulation that Center facilities are at the disposal of the summer student and his/her mentor. Approximately 10 awards yearly at \$5,000 each, for a total of \$50,000.
- Provide financial assistance for minority medical students and PhD students in biomedical-related training programs. Estimate assistance to four students per year at \$10,000 each, for a total of \$40,000.
- Pending legislative authorization by the U.S. Congress, NIDDK will provide loan repayment assistance for minority pre-doctoral and postdoctoral fellows. Estimate four awards at \$35,000 each, for a total of \$140,000 per year.

- Issue an RFA/PAR for T31s to provide 1 year of research experience for minority medical students at institutions with DK-funded Centers between their second and third years. (Estimated total cost for five T31s, three slots each per year, would be \$300,000/year.)
- Support longitudinal program to enhance the pipeline from high school through professional school with emphasis on tracking. Total yearly support is approximately \$1.8 million. NIDDK will work closely in collaboration with NCMHD and other interested Institutes and Centers in support of the program.
- Pilot MD/Masters Program in Clinical Research at a historically black medical school. Estimate five awards per year at \$50,000 each, for a total of \$250,000.
- Provide opportunities for up to five minority scientists to be mentored in the Intramural program.

Expected Outcome

Increased numbers of minority scientists in both basic science and clinical research disciplines to address the health disparities and outcomes in minority populations.

NIDDK Minority Training and Career Development — FY 2000

Name of Program and Description	Division	# of NIDDK Awards	# of Participants	Funding	NCMHD Collab. Funding
Minority Access to Research Careers (MARC) T34 and T36 NIDDK co-funds with NIGMS. Funds predoctoral faculty fellowships, visiting scientists, conferences for minority investigators and minority health issues, and honors undergraduate training in biomedical research. Summer Internship Program in the NIDDK Division of Intramural Research (studentsmanaged by NIDDK-EEO).	DK-wide	6	6	\$ 28,537	
Minority Biomedical Research Support Program (MBRS) NIDDK co-funds with NIGMS. Provides expanded opportunities for minorities to participate in biomedical research careers. Supports research projects of interest to NIDDK at Minority and Equal Opportunity Institutions.	DK-wide	25	25	\$ 2,282,000	
R-13 (Conference Grant) to the American Physiological Society, FASEB Provides support for underrepresented minority students to attend meetings of the Society and for 36 minority high school science teachers to have summer research training in laboratories of Society members.	DK-wide	1	45	\$ 75,480	
Initiatives for Underrepresented Minorities in Biomedical Research NIH-wide program initiatives to support minority undergraduate and graduate students, high school students, and faculty members on NIDDK active research grants through administrative supplements.	DK-wide	91	91	\$ 3,803,066	
Research Training of Underrep. Minorities on Institutional Training Grants (T32) Highly qualified minority Investigators are assigned T32 slots held in reserve for this purpose. DDEMD=4 (\$157,529) DDDN=6 (\$232,926) DKUHD=3 (\$ 97,715)	DK-wide	13	13	\$ 488,170	

NIDDK Minority Training and Career Development — FY 2000

Name of Program and Description	Division	# of NIDDK Awards	# of Participants	NIDDK Funding Level	NCMHD Collab. Funding
Clinical Investigator Award (K08)	DDDN	4	4	\$ 455,608	
Support for medical scientists or faculty					
members to pursue research towards					
independent investigations.					
Pre-doctoral Fellowships (F31)	DK-wide	8	8	\$ 170,908	
and Post-doctoral Fellowships (F32)					
To provide support to minority students					
for research training leading to an MD-PhD					
in the biomedical sciences.					
DDEMD=6					
DDDN=1					
DKUHD=1					
Minority High School Student		1	40	\$ 70,138	\$ 55,000
Research Training (R25)					
A supplemental program to provide					
meaningful laboratory research					
experience to minority high school					
students to stimulate their interest in					
careers in biomedical science.					
NIDDK, NCMHD					
Cell/Molecular Biology	DK-wide	1	1,000		
Student/Teacher Learning Center (R25)					
Laboratory research experience for					
minorities in the District of Columbia					
(managed by NIDDK-EEO).					
Small Research Grants (R03)	DK-wide	4	4	\$ 403,785	\$ 221,124
for Minority Researchers				•	,
DDEMD=1 (\$ 73,298)					
DKUHD=3 (\$330,487)					
NIDDK collaboration = 4					
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Totals		154	1,056	\$ 7,777,692	\$ 276,124

Goal 2

To ensure adequate representation in clinical trials through improved inclusion policies/activities

Potential New Initiative

Recruit minority institutions to participate in the clinical trials of NIDDK-funded research Centers. The minority institutions will be responsible for recruiting the relevant minority populations to participate in the clinical trials

at the collaborating Centers. The Program
Director at NIDDK will facilitate the choice of the
collaborating Institutions based on the expertise
of the investigators at the minority institutions
and the mission of the funded Center.

Goal 3

To strengthen the infrastructure of minority institutions through collaborative arrangements with NIDDK-funded Centers

Potential New Initiatives

NIDDK plans to create partnerships between minority institutions and NIDDK-funded research Centers focused on diseases that disproportionately affect minorities. These collaborations will strengthen the research infrastructure and capability of the minority institutions, provide mentoring for young minority investigators,

and enhance research efforts to address the disproportionate burden of illness in racial/ethnic minorities at the NIDDK-supported research Centers. These partnerships will be helpful in developing and validating culturally sensitive new tools for health care interventions and assessment of health outcomes.